

Thursday, October 13, 2016 10:04:36 AM

All Vendors PO ID PO33736 Receipt Dates from 10/12/2016 to 10/12/2016 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name			VII MET002 A.M. Castle & Co. (Canada) Inc.- C/O 910720								
PO33736	2		M174B0.250X4.000 f		10/13/2016	10/12/2016	12.0000		0.0000	0	
USD	No		17-4 SS Bar .250 X 4.00 f		12.0000	PLOU01			0.0000	0	\$0.00
			m135877								
	3		71401-45		10/7/2016	10/12/2016	1.0000		0.0000	0	
	No		procurement quality clauses		1.0000	PLOU01			0.0000	0	\$0.00
			m135877								

Total Received Quantity:	13.0000
Total Qty to Inspect (PO U/M):	0.0000
Total Reject Quantity:	0.0000
Total Receipt Value:	\$0.00
Total Balance Due Quantity:	0.0000

**Castle Metals®**

A. M. Castle & Co.


PACKING SLIP/
CERTIFICATE OF CONFORMANCE

Page 1 of 2

Shipment No:3094013

Ship From: A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN		Sold To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		Ship To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN		Deliver To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
Date Shipped 06-OCT-16	F.O.B. ORIGIN	Freight Terms Prepaid		Carrier MANITOU LIN		BOL No 3094013-2	

Shipment Details	Final Destination Branch - TOR
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Order No 4506135	Line No 1	Item No 66427.BO	Description 0.2500.4.0000.FLAT.17CR-4NI.STAINLESS.HR.ANN.144.0000 SPECIFICATIONS: AMS 5643 ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S Email P/s and certs to: clavoie@dartaero.com				
Purchase Order No 33736		Part Number		Ordered Qty 40.80 LBS	Invoice Qty 12.7083 FT		
Details		ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS					
Delivery No. 120578977	Mill	Heat Number 	Mech Id	PCS 2	Width (IN)	Length (IN) 76.2500	Shipped Qty(LBS) 44.0000

5016-10-13

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US law prohibited.
Date Printed: 06-OCT-2016 03:02:49 PM



Castle Metals®

A. M. Castle & Co.

PACKING SLIP/
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Page 2 of 2

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description for credit. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned.

Reviewed by Authorized Castle Metals Representative.



OCT 06 2016

Date:

Name:

[Handwritten signature]

Sp/16-10-13.

CERTIFICATE OF TESTS
CERT SERIAL# 000986052

ABNAHMEPRUEFZEUGNIS

CERTIFICAT DE CONTROLE



CARPENTER

Carpenter Technology Corporation
101 West Bern Street, Reading, Pa. 19601
Tel: (610) 208-2000 (800) 338-4592

- THE RECORDING OF FALSE, FICTICIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES INCLUDING FEDERAL LAW, TITLE 18, CHAPTER 47.
- THE VALUES AND OTHER TECHNICAL DATA REPRESENT THE RESULTS OF ANALYSES AND TESTS MADE ON SAMPLES COLLECTED FROM THE TOTAL LOT. ORIGINAL DATA RECORDS CAN BE TRACED BY REFERENCE TO THE CARPENTER ORDER NUMBER.
- MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM, ALPHA AND GAMMA SOURCE CONTAMINATION.
- THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN CONSENT OF CARPENTER TECHNOLOGY CORPORATION.

06/30/15

CUSTOMER / BESTELLER / CLIENT

FRY STEEL COMPANY

SELLER / VERKÄUFER / VENDEUR PAGE 1 OF 3

LARRY LONG
PO BOX 4048
SANTA FE SPRING CA 90670



HVL

CUSTOMER ORDER NO./BESTELL.-NR./N° DE COMMANDE	CARPENTER NO./WERKS.-NR./N° DE REFERENCE INTERNE	DATE/DATUM/DATE	WEIGHT/GEWICHT/POIDS
48409-2-002	W70064	06/30/15	1461.00

HEAT NUMBER / SCHMELZE-NR. / N° DE COULEE:

747383

PRODUCT DESCRIPTION: CUSTOM 630 (17CR-4NI) STAINLESS AIRCRAFT QUAL HOT FINISH
SOLUTION ANNEALED
PART NUMBER: S# 14710

SPECIFICATION: AMS 2303 REV F (08/ /10)

AMS 5643 CAP OF H900 REV T (12/ /13)

ASTM-A564-13 CAP OF H900 (CAP OF)

ASME-SA564 CAP OF H900 2013 EDITION (CAP OF)

ASTM-A484-15 REV A484-15 (04/01/15)

ROCKWELL INT'L MB0160-003 REV C (12/29/65) EXCPT LTR (11/05/82)

PENDING (CAP OF, EXCEPT HARDNESS & UT)

SIZE 4.000000 X 0.250000 IN. (101.60 X 6.35 MM) FLT BAR

HEAT CHEMISTRY(WT%): (TEST METHOD IS SHOWN IN PARENTHESIS)

C (OES)	MN(XRF)	SI(XRF)	P (XRF)	S (OES)	CR(XRF)
0.04	0.39	0.43	0.016	0.001	15.68
NI(XRF)	MO(XRF)	CU(XRF)	CO(XRF)	AL(OES)	N (FUS)
4.23	0.16	3.40	0.08	0.002	0.011
TI(XRF)	CB(XRF)	TA(OES)	B (OES)	CB+TA	
0.002	0.27	LT .01	0.0021	0.28	

THIS HEAT MELTED BY THE ELECTRIC ARC/AOD PROCESSES

DISCS MACROETCHED AND APPROVED

HARDNESS AS SHIPPED 336HBW (36HRC)

TENSILE AS SHIPPED, KSI(MPA) 155.0(1069)

MAGNETIC PARTICLE: FREQUENCY = 0 / SEVERITY = 0

MICROSTRUCTURE - FERRITE LESS THAN 1.00%

CAPABILITY

900 F(482 C), 01 HR

AIR COOL

HARDNESS

400HBW (43HRC)

FRY STEEL CO. CERTIFIES THAT THIS IS
A TRUE COPY OF THE ORIGINAL MILL TEST
REPORT NOW ON FILE
RECEIVED AND INSPECTED

JUL 06 2015

BY
CHIP BANDOVAL - Q.O. MANAGER

CONTINUED ON NEXT PAGE

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CERTIFICATE OF TESTS
CERT SERIAL# 000986052

ABNAHMEPRUEFZEUGNIS

CERTIFICAT DE CONTROLE



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Carpenter Technology Corporation
101 West Bern Street, Reading, Pa. 19601
Tel: (610) 208-2000 (800) 338-4592

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06/30/15
CUSTOMER / BESTELLER / CLIENT
FRY STEEL COMPANY

SELLER / VERKÄUFER / VENDEUR PAGE 2 OF 3

LARRY LONG
PO BOX 4048
SANTA FE SPRING CA 90670

HVL

CUSTOMER ORDER NO. / BESTELL-NR. / N° DE COMMANDE	CARPENTER NO. / WERKS-NR. / N° DE REFERENCE INTERNE	DATE/DATUM/DATE	WEIGHT/GEWICHT/POIDS
48409-2-002	W70064	06/30/15	1461.00

HEAT NUMBER / SCHMELZE-NR. / N° DE COULEE: 747383
CAPABILITY

950 F(510 C), 04 HR AIR COOL

(T)RANSVERSE (L)ONGITUDINAL	L
YIELD STRENGTH, (0.20 %) KSI(MPA)	166.0(1145)
TENSILE STRENGTH, KSI(MPA)	173.0(1193)
ELONGATION IN 2.00", %	14.0
REDUCTION OF AREA, %	58.0

CAPABILITY

900 F(482 C), 01 HR AIR COOL

(T)RANSVERSE (L)ONGITUDINAL	L
YIELD STRENGTH, (0.20 %) KSI(MPA)	184.0(1269)
TENSILE STRENGTH, KSI(MPA)	195.0(1344)
ELONGATION IN 2.00", %	13.0
REDUCTION OF AREA, %	56.0

MATERIAL HAS BEEN MELTED AND MANUFACTURED IN THE USA WHICH IS A QUALIFYING COUNTRY TO DFARS REQUIREMENTS 252.225-7014 WITH ALTERNATE 1 FOR QUALIFYING COUNTRY 225.872.1, SUPERSEDED BY DFARS REQUIREMENTS DFARS 252.225-7008 AND 252.225-7009.

THIS ORDER WAS MANUFACTURED IN ACCORDANCE WITH CARPENTER SPECIALTY ALLOYS OPERATIONS QUALITY PROGRAM MANUAL, REVISION 33 DATED 03/04/15.

CARPENTER'S QUALITY MANAGEMENT SYSTEM WAS REGISTERED AS OF NOVEMBER 24, 2013 TO THE REQUIREMENTS OF ISO 9001:2008 APPROVAL CERTIFICATE 13-1996R BY PERFORMANCE REVIEW INSTITUTE. THIS CERTIFICATE OF TEST IS TYPE 3.1 PREPARED IN ACCORDANCE WITH EN 10204 (DIN 50049). WE HEREBY CERTIFY THAT THE ABOVE TEST DATA ARE IN ACCORDANCE WITH THE PURCHASE ORDER AND SPECIFICATION REQUIREMENTS, AS DOCUMENTED IN THIS CERTIFICATE OF TESTS.

TEST METHODS ARE PER THE ASTM STANDARDS ON FILE AND IN EFFECT AT TIME OF ORDER ACCEPTANCE, STANDARD PRACTICES, OR AS AGREED UPON BETWEEN CARPENTER & CUSTOMER.

CONTINUED ON NEXT PAGE

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CERTIFICAT DE CONTROLE



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Carpenter Technology Corporation
101 West Bern Street, Reading, Pa. 19601
Tel: (610) 208-2000 (800) 338-4592

06/30/15

CUSTOMER / BESTELLER / CLIENT

FRY STEEL COMPANY

LARRY LONG

PO BOX 4048

SANTA FE SPRING CA 90670

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SELLER / VERKÄUFER / VENDEUR PAGE 3 OF 3

HVL

CUSTOMER ORDER NO. / BESTELL.-NR. / N° DE COMMANDE	CARPENTER NO. / WERKS-NR. / N° DE REFERENCE INTERNE	DATE / DATUM / DATE	WEIGHT / GEWICHT / POIDS
48409-2-002	W70064	06/30/15	1461.00

HEAT NUMBER / SCHMELZE-NR. / N° DE COULEE :

747383
GARY BROWN
MANAGER - SPECIFICATIONS/CERTIFICATIONS
CARPENTER TECHNOLOGY CORPORATION

Gary Brown

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M17-4B0.250x4.000

PO / BATCH NO.: PO33736 / M135877

DATE: 16/10/14

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12.6'
 QUANTITY INSPECTED: 12.6'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .250
 THICKNESS RECEIVED: .258
 SHEET SIZE ORDERED: 0
 SHEET SIZE RECEIVED: 0

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>17-4</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>.258</u>
PHOTO REQUIRED	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>AMS 5643</u>
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>Heat # 747383</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>M174B0.250X4.000</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>M135877</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING		<u>N/A</u>		

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>48</u> DATE: <u>16/10/14</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33736

Purchase Order Date 9/22/2016

PO Print Date 9/22/2016

Page Number 1 of 2

Order From :
METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W OE9
CANADA

VU-MET002

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

SEP 22 2016

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

USD

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D6101-005P ✓ AS PER DWG.D6101 REV.B B151301 ✓ SIZE: 5.00" X 8.250" X 2.50" THICK GRAIN DIRECTION ALONG 5.00" LENGHT MATERIAL: 7075-T7351 QQ-A-250/12 TOLERANCE AS PER QUOTE +.030"/-.000"	7075-T7351 8.25X5.0X2.5	10/7/2016 Yes 10/7/2016		20.00 ✓ Each	\$36.20	\$724.00
						Line Total:	\$724.00
2	M174B0.250X4.000 MATERIAL: 17-4 PH SS BAR AS PER AMS 5604 / 5643 GRAIN DIRECTION MUST BE ALONG LENGTH MINIMUM YIELD TENSILE STRENGTH = 100KSI MINIMUM ULTIMATE TENSILE = 150 KSI	17-4 SS Bar .250 X 4.00 ✓	10/7/2016 Yes 10/7/2016		12.00 ✓ f	\$76.32	\$915.84
						Line Total:	\$915.84

SP/16-10-11

Rec'd 12.7083 Ft

16-10-13

Note:

9/22/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO33736**

Purchase Order Date 9/22/2016

PO Print Date 9/22/2016

Page Number 2 of 2

Order From :

METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W OE9
CANADA

VU-MET002

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

3	71401-45	procurement quality clauses	10/7/2016	1.00	\$0.00	\$0.00
			No			
			10/7/2016			
	Procurement Quality Clauses					
	A005 right of entry					
	A012 chemical and physical test report					
	A016 personnel qualification					
	A017 raw material identification (as applicable)					
	A026 certification of material conformance					
	A041 quality management system					
	A042 dart notification by supplier					
	A043 retention of quality documents					

Line Total: \$0.00

PO Total: \$1,639.84

U

CL

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 2

Change Date: 9/22/2016